

GOBI JEEP JK 45 SLANT BACK WRANGLER ROOF RACK

for Bestop TrekTop NX soft top

INSTALLATION INSTRUCTIONS

The rack must be inspected before each use to make certain attachments are secure, and for evidence of wear. Misuse of the rack or failure to observe the manufacturer's instructions as to installation, proper Attachment and maintenance will void warranties that may be implied by law.

TOOLS REQUIRED FOR INSTALLATION:

- 1- 15mm socket or box end wrench (rear bumper)**
- 1- 7/16" socket or box end wrench (light bar clamps)**
- 1- 9/16" socket or box end wrench (rear tower and rack)**
- 1- 3/4" socket and 3/4" box end or adjustable wrench (rear bar)**
- 1- 1/2" open end wrench (isolators)**
- 1- Torx bit T-40 (light bar)**

CAUTION

**USE ANTI-SEIZE LUBRICANT
ON ALL SCREWS**

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


INSTALLATION INSTRUCTIONS

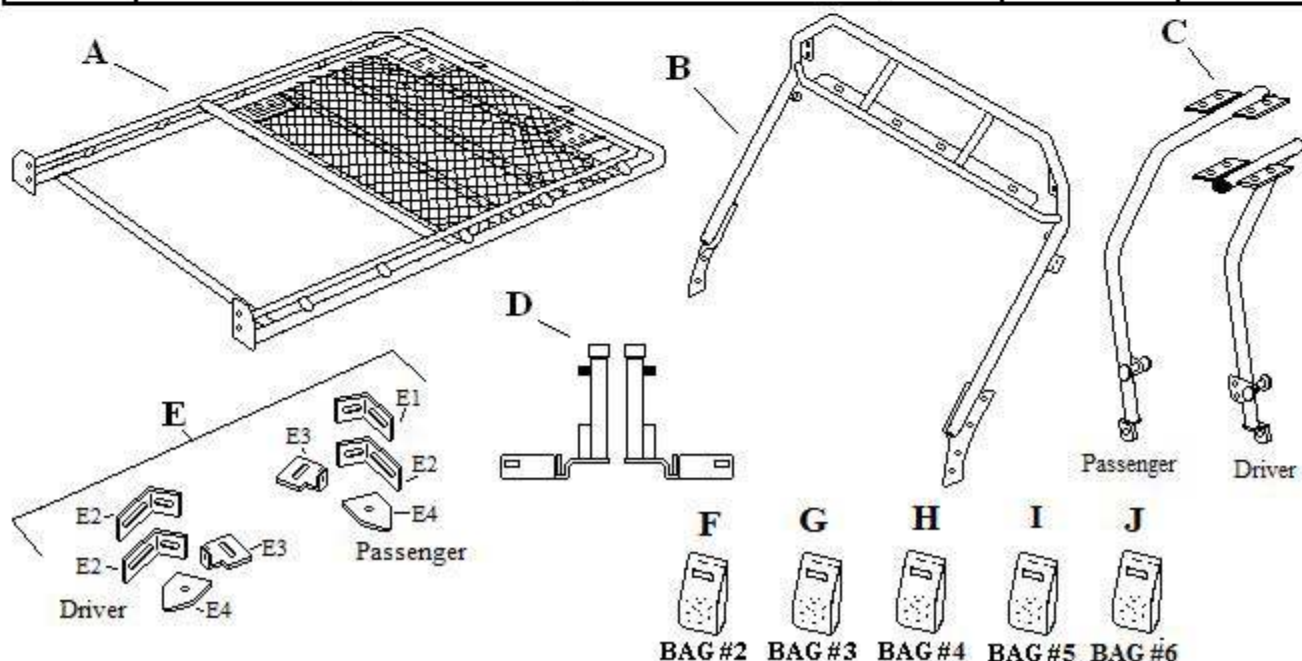
Guidelines:

When using Load Carriers and Accessories, the user must understand the precautions. The points listed below will assist you in using the rack /carrier system and will encourage safety.

- For quality fits and safty, use only the recommended rack or accessory. Do not assume an accessory will fit, always check with dealer when obtaining new accessories. Use only approved accessories on load carriers. Using other brands will void your warrenty.
- Make sure all knobs, bolts, screws, straps, and locks are firmly attached, tightened and locked before every trip. Knobs, bolts, screws, straps, and locks must be periodically inspected for signs of wear, corrosion, and fatigue. Check your load at stops during the trip to insure continued fastening security.
- Check local and state laws governing projection of objects beyound the width of a vehicle. **Be aware of the width and height of your cargo since low clearance branches, bridges, and parking garages can affect the load** All cargo will affect the vehicle's driving behavior. Never drive with any lock, know, or rack in an open or unlocked position. All long loads such as, but not limited to sailboards, surfboards, kayaks, canoes, and lumber must be tied down front and rear to the bumpers or tow hooks, of the vehicle.
- Remove your rack accessories when they are not in use, before intering car washes, prior to taking in your vehicle for service, and whenever clearance may be an issue.
- All locks must be turned and moved periodically to insure smooth operation. Use graphite or similar dry lubricant to help this. Locks are designed to deter vandalism and theft. Remove valuable gear if your vehicle is unattended for an extended period. Place at least one key in the glove compartment.
- For safety to your vehicle and rack system, obey all posted speed limits and traffic cautions. Adapt your speed to the conditions of the road and the load being carried.
- Do not use load carriers and accessories for purposes other than those for which they were designed. Do not exceed their carrying capacity.
- Consult with your dealer if you have any questions regarding the operations and limits of this product. Review all instructions carefully.

GOBI JEEP JK 45 SLANT BACK WRANGLER ROOF RACK
for Bestop TrekTop NX soft top**INSTALLATION INSTRUCTIONS****Included in kit**

Letter	Description	Location	Quantity
A	GOBI JEEP JK 45 SLANT BACK WRANGLER ROOF RACK	Main box	1
B	GOBI JEEP JK 45 WRANGLER FRONT LIGHT BAR	Strapped to Rack	1
C	GOBI JEEP JK 45 REAR RACK SUPPORTS PASSENGER & DRIVER	Strapped to Rack	1 ea.
D	REAR RACK SUPPORT TOWERS PASSENGER AND DRIVER	Hardware Box	1 ea.
E	REAR TOWER SUPPORT PLATES PASSENGER AND DRIVER	Hardware Box	1 ea.
F	GOBI FRONT LIGHT BAR CLAMPS	BAG #2	2
G	GOBI WINDSHIELD BODY PROTECTION	BAG #3	2
H	MINI WIND DEFLECTORS	BAG #4	4
I	GOBI RACK MOUNTING HARDWARE <u>CONTENTS:</u> 4- Black nylon shoulder washers 4- 1/2" Flat washer SS 2- 1/2-13 x 2-1/2" hex head screw SS 2- 1/2" Nylock nuts SS 8- 3/8-16 x 1-1/4" hex head screw SS 28- 3/8" Flat washer SS 16- 3/8" Nylock nuts SS 4- 3/8-16 x 1" Carriage screws SS 4- 3/8-16 x 1-1/4" Carriage screws SS 2- 3/8-16 x 3/4" Hex head screw 2- 3/8-16 x 2" Hex head screw 2- 3/8" Lock washer SS 4- Rear support bar position plates (P) 1- Packet Anti-seize lubricant 4- 1/4-20 x 1" hex head screw SS 4- 1/4" lock washer SS 4- 1/4" flat washer SS 2- 1-1/2" x 1-1/2" brown wear pad  Bag #2	BAG #5 Hardware Box	1
J	GOBI RACK ISOLATOR HARDWARE <u>CONTENTS:</u> 2- Black Triangular adhesive backed wear plates (Place on vehicle body under Rubber Isolators 21) 2- Oval Black aluminum adhesive backed wear plate (Place on vehicle body under Tower stand offs 12)  	BAG #6 Hardware Box	1

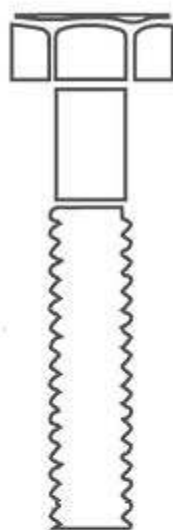


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Qty. 2 | 1/2-13 x 2-1/2" Hex Head Screw SS



Qty. 2 | 3/8-16 x 2" Hex Head Screw



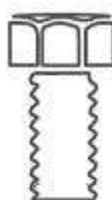
Qty. 8 | 3/8-16 x 1-1/4" Hex Head Screw SS



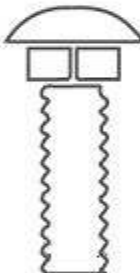
Qty. 4 | 1/4-20 x 1" Hex Head Screw SS



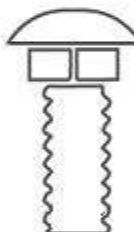
Qty. 2 | 3/8-16 x 3/4" Hex Head Screw



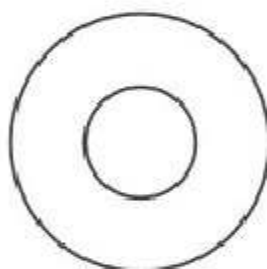
Qty. 4 | 3/8-16 x 1-1/4" Carriage Screws SS



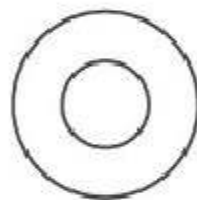
Qty. 4 | 3/8-16 x 1" Carriage Screws SS



Qty. 4 | 1/2" Flat Washer SS



Qty. 28 | 3/8" Flat Washer SS



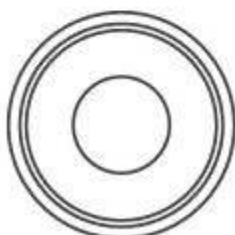
Qty. 4 | 1/4" Flat Washer SS



Qty. 4 | 1/4" Lock Washer SS



Qty. 4 | Black Nylon Should Washer



Qty. 2 | 1/2" Nylock Nuts SS



Qty. 16 | 3/8" Nylock Nuts SS



Qty. 2 | 3/8" Lock Washer SS



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INSTALLATION INSTRUCTIONS

Fig. 1**Fig. 2**

Remove from your hardware kit windshield body protection covers (G) located in Bag #3. Take out the passenger side cover indicated by the letter (P) on the front lip of the cover as shown in Fig.1. Place the cover on the passenger side top corner of your windshield as shown in Fig. 2 and Fig. 3 shift the cover around slightly until it sits firmly on the corner of the windshield then place a piece of masking tape on the windshield next to both edges of the cover as shown in Fig. 3 to indicate position.

Fig. 3**Fig. 4**

Remove the cover from the masking tape markers and clean the area inside the masking tape markers with denatured alcohol let dry for 30 seconds then peel off the adhesive protective film from inside the cover as shown in Fig. 4 and set back inside masking tape markers placing the lip of the cover back into the recess on the edge of the windshield glass as shown in Fig. 2 then set the entire cover on the windshield frame as shown in Fig. 3 pressing down firmly for at least 30 seconds. Apply the same procedure to the driver side.

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INSTALLATION INSTRUCTIONS**Fig. 5****Fig. 6**

Remove the rear triangular wear plates (I) located in Bag #6 of your hardware kit. Take out the passenger side wear plate as shown in Fig. 5 (*do not peel off the adhesive protective film at this time*) and place it on the rear upper passenger side corner of the body as shown in Fig. 6 move the wear plate around until it fits with the top formed edge of the body (A1) and contacts the rear tail light cover (A2) once you have a firm fit place a masking tape marker as shown in Fig. 6 to indicate position.

Fig. 7**Fig. 8**

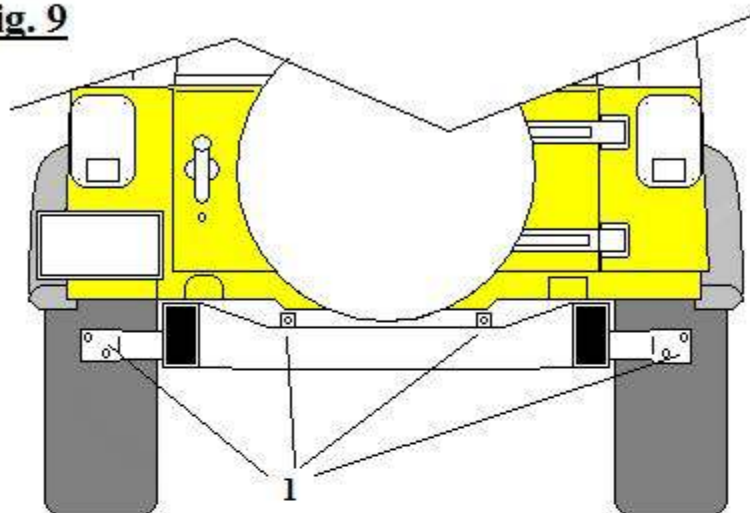
Remove the cover from the masking tape marker and clean the area where the wear plate will sit with denatured alcohol let sit for 30 seconds to dry then peel off the adhesive protective film from the back of the wear plate as shown in Fig. 8 and set back onto the rear upper corner of the vehicle using the masking tape marker. Once set in place apply pressure for at least 30 seconds. Apply the same procedure to the driver side.

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INSTALLATION INSTRUCTIONS

Fig. 9



Remove the rear bumper from vehicle as shown in Fig. 10 below by taking out all 6 10mm hex head screws (1) using a 15mm ratchet as shown in Fig. 9 above.

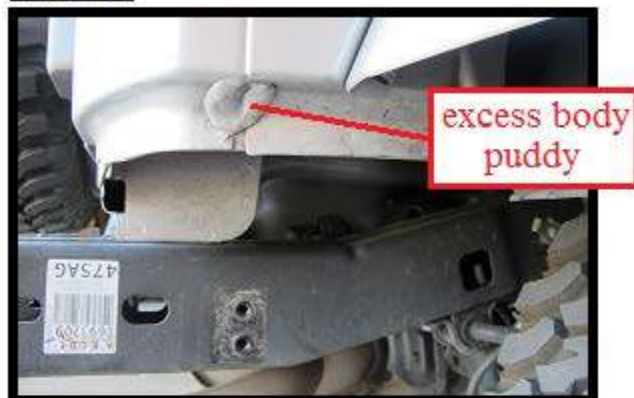
Fig. 10



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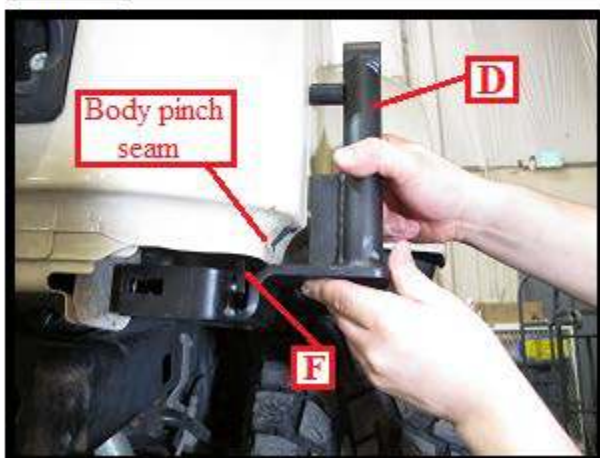
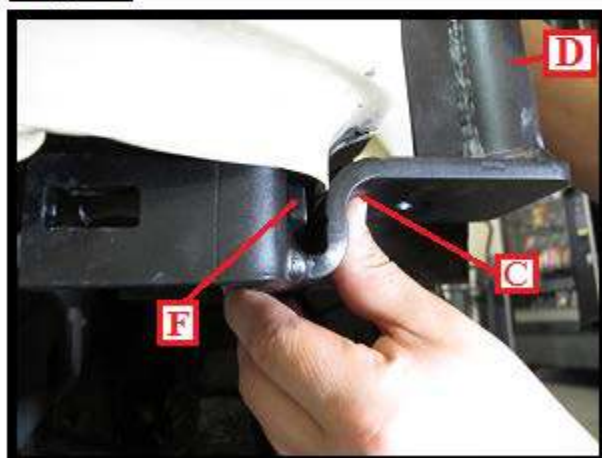
INSTALLATION INSTRUCTIONS

Fig. 11

If excess body putty is present on rear body pinch seam as shown in Fig. 11 passenger side remove with plastic tool so that the body seam is free from any obstructions. Correctly staged body seam shown in Fig. 12.

Fig. 12

Clean all dirt and debris from the underside of body tub (T) both passenger and driver sides.

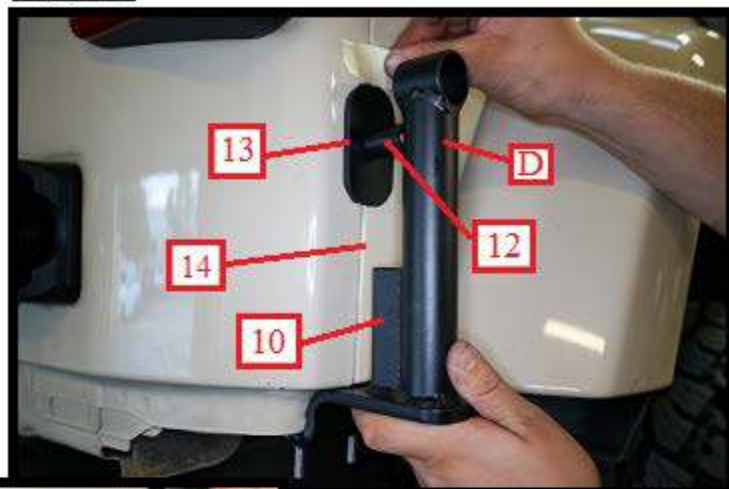
Fig. 13**Fig. 14**

Remove from your hardware box the passenger side support Tower (D) indicated by a printed label (PASSENGER SIDE). Slide Tower (D) up onto the rear passenger side body pinch seam with pinch plate (F) positioned on the inside of body as shown in Fig. 13 and Fig. 14. Make certain that Tower (D) is pushed up as high as possible so that the curved section (C) of the Tower support plate mates with the curved area of the Body as shown in Fig. 14, Fig. 15 and Fig. 16.

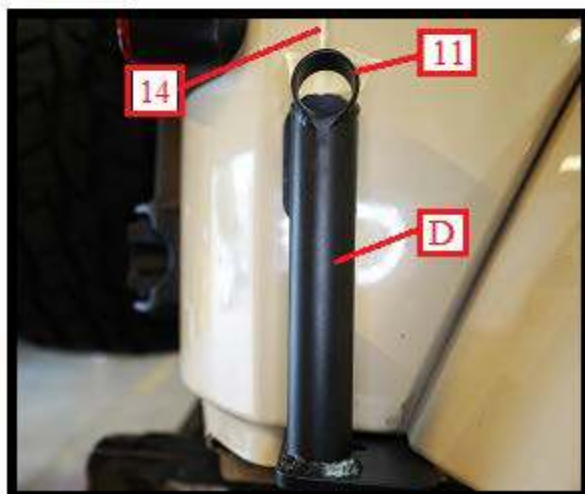
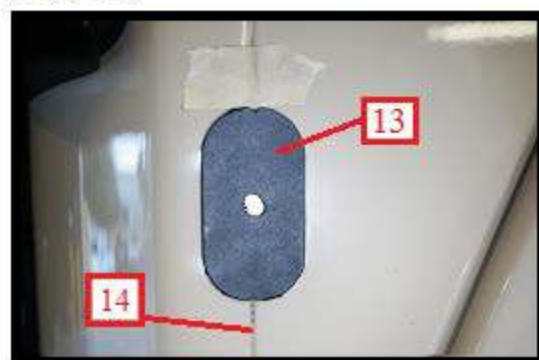
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INSTALLATION INSTRUCTIONS

Fig. 15

After you have fully pushed up the passenger side support tower in place as shown in Fig. 16 and Fig. 15 align the tower flange (10) Fig. 15 and the center of the upper tower tube (11) Fig. 17 with body seam (14) and hold in place with one hand. Remove from your hardware kit Bag #6 one black oval wear plate (13) (*do not peel off the protective adhesive film*) and slide behind tower stand off (12) so that the center hole of plate (13) aligns with the center of the tower stand off (12) and body seam (14) hold plate and tower in place against vehicle body with one hand then stick a piece of masking tape on the body above the oval wear plate to use as a marker shown in Fig. 15 and Fig. 18. Remove tower (D) and wear plate (13) and clean off the surface area of the body where the oval plate will be placed with denatured alcohol then let dry for 30 seconds. Peel off the adhesive film from the wear plate and adhere the wear plate to the vehicle body under the masking tape marker and in line with body seam (14) as shown in Fig. 18.

Fig. 16**Fig. 17****Fig. 18**

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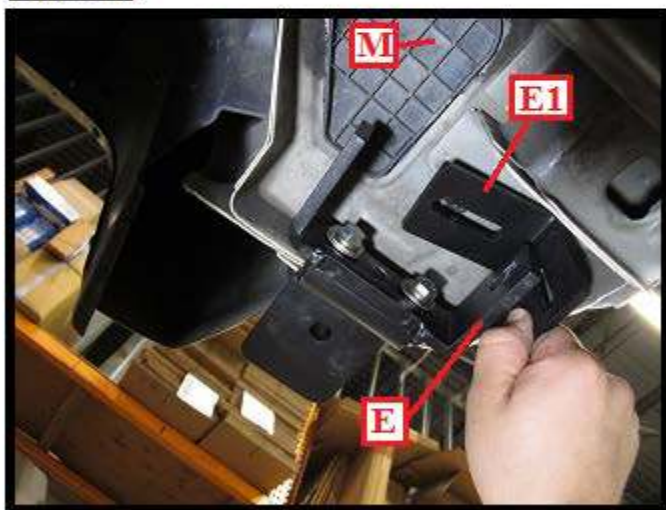
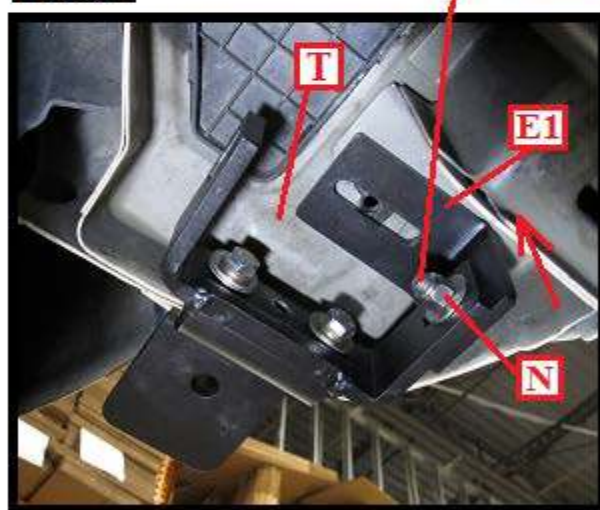
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Fig.19

Reinstall Tower (D) as shown in Fig. 15, 16 and Fig. 17 then fully tighten both 3/8" hex head screws using a 9/16" ratchet or boxed end wrench while applying upwards pressure to Tower (D) as shown by the red arrow in Fig. 19.

Apply Anti-Seize
lubricant to all
threaded screws.

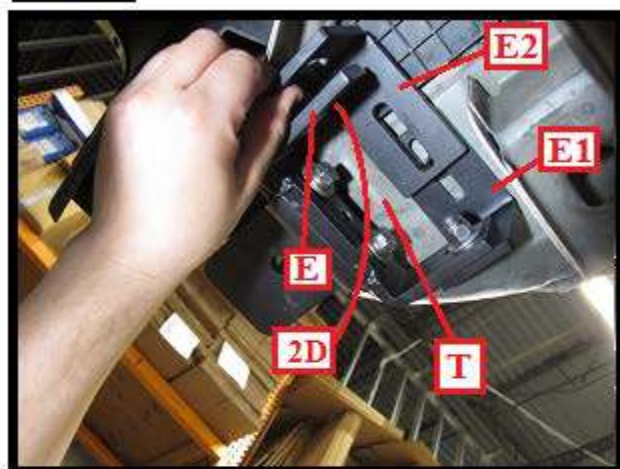
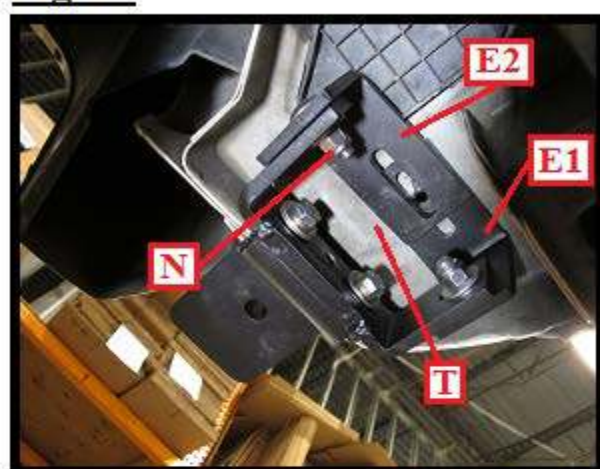
**Fig. 20****Fig. 21**

As shown in Fig. 20 slide the short passenger side tower support bracket (E1) with the long slot facing upwards over the tower support arm (E) opposite the plastic cover (M). Install one 3/8-16 x 1-1/4" carriage screw, 3/8" flat washer and 3/8" nylock nut (N) located in Bag #3 of your hardware kit as shown in Fig. 21. Push up support bracket (E1) in the direction of the red arrow as shown in Fig. 21 until it contacts the bottom of tub (T) and align the slot of bracket (E1) with the hole in the bottom of tub (T) and snug down only, leave some play for adjustment.

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Fig. 22**Fig. 23**

Slip tower support bracket (E2) with the longer slot facing up over the support arm (E) and onto bracket (E1) as shown in Fig. 22. **If you should have a 2 door Jeep slip support bracket (E2) on the inside of support arm (E) indicated by (2D).** Align bracket slot (E2) with the hole in tub floor (T) as shown in Fig. 23. Install one 3/8-16 x 1-1/4" carriage screw, 3/8" flat washer and 3/8" nylock nut (N) located in Bag #3 of your hardware kit as shown in Fig. 23. Push up support bracket (E2) shown in Fig. 23 until it contacts the bottom of support bracket (E1) keep aligned and snug down only, leave some play for adjustment.

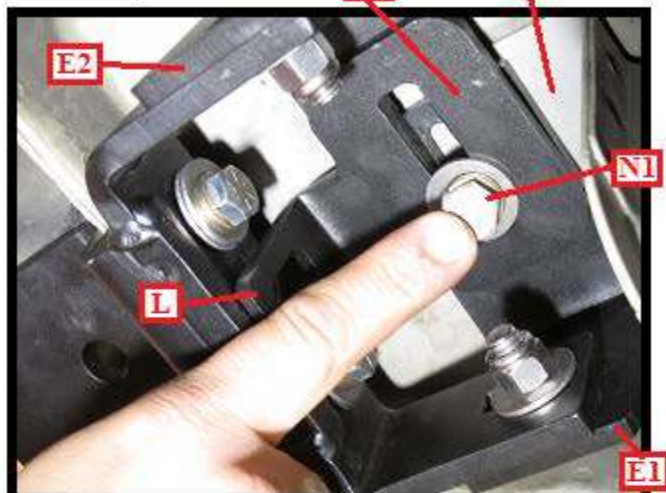
Fig. 24**Fig. 24a****Fig. 25****Unplug connector**

As shown in Fig. 24 use a Phillips screw driver and remove only the two left side screws (S) of the rear passenger side tail light. As shown in Fig. 24a remove the entire tail light and unplug the rear tail light electrical connector and set tail light aside for now. As shown in Fig. 25 reach down inside rear tail light fender cavity and remove any foam which is covering the tub floor access hole (T). Only remove the foam directly around the access hole on tub floor and make certain the floor is relatively clean and flat.

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Fig. 26**Fig. 27**

Remove washer plate (E3) from your hardware kit and slip a 3/8-16 x 2" hex head screw, lock washer and flat washer (N1) from Bag #3 through washer plate (E3) as shown in Fig. 26. Insert assembly (E3) / (N1) up into the hole in tub floor (T) passing through tower support brackets (E2) and (E1) as shown in Fig. 27. Brackets (E2) and (E1) may need to be loosened to pass screw (N1) through all parts then into tub hole (T). Make certain tab (L) of washer plate (E3) is positioned between the two hex head screws as shown in Fig. 27. With one hand hold washer plate assembly (E3) / (N1) up in place and with the other hand slip nut plate (E4) into rear body tail light cavity as shown in Fig. 28 and Fig. 29 then thread screw (N1) into nut plate (E4) as shown in Fig. 30.

**Fig. 28**

Remove from your hardware kit nut plate (E4) and place it down inside the rear tail light cavity.

**Fig. 29**

Align the hole of nut plate (E4) with the hole at the bottom floor of tub (T). Direct the point of nut plate as shown.

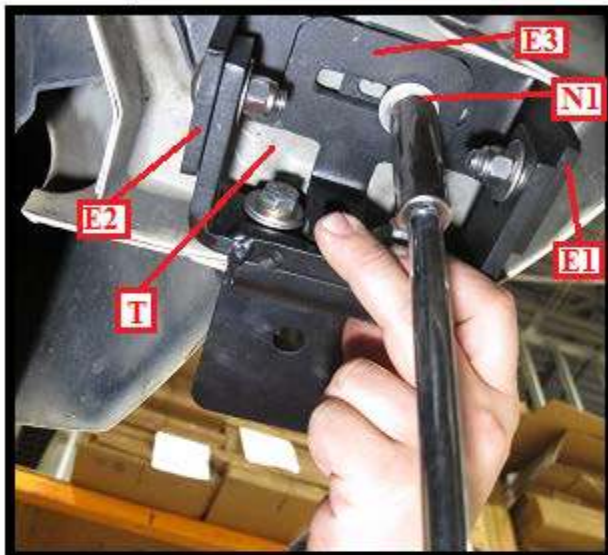
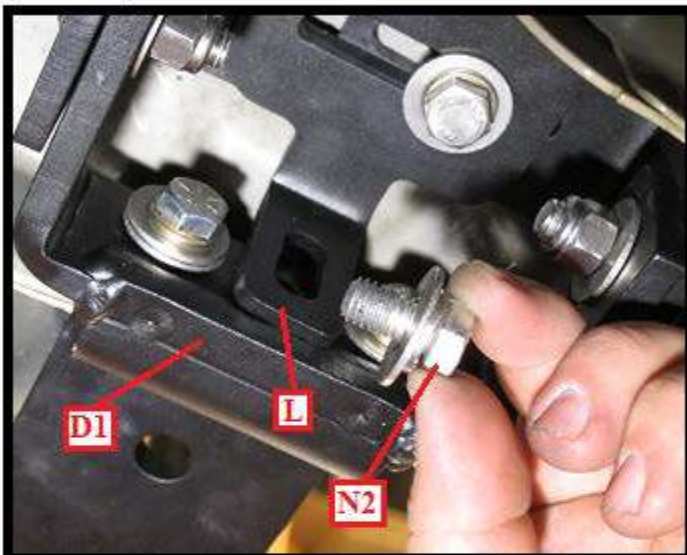
Fig. 30

With one hand partially thread screw (N1) up into nut plate (E4) shown in Figures 27 thru 29.

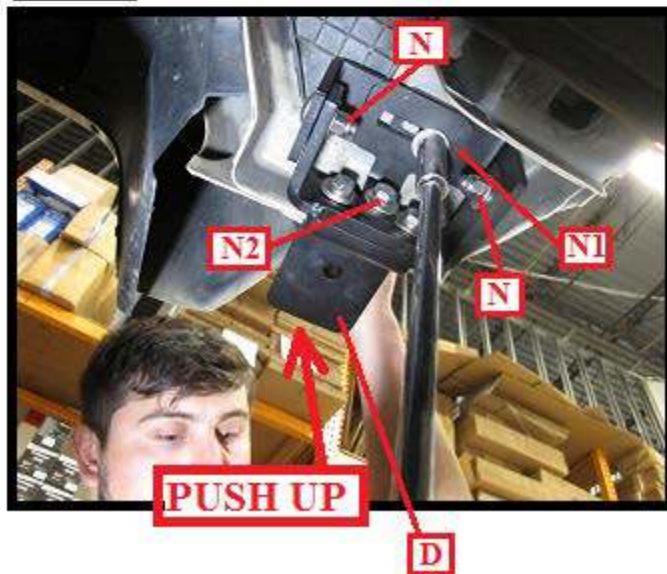
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Fig. 31**Fig. 32**

As shown in Fig. 31 make certain all parts (E1), (E2) and (E3) are closely fitted but still adjustable. Using a 9/16" ratchet tighten screw (N1) drawing all parts upwards until they are snug up against tub floor (T) but still adjustable. Center tab (L) between both hex head screws and push against tower base (D1) as shown in Fig. 32 then thread a 3/8-16 x 3/4" hex head screw and flat washer (N2) located in Bag #3 of your hardware kit and snug down to a close fit leave loose enough for adjustment.

Fig. 33

While pushing up on Tower base (D) as shown in Fig. 33 and Fig. 19 fully tighten screw (N1) using a 9/16" ratchet then follow by fully tightening 2 screws (N) and 1 screw (N2) using a 9/16" ratchet or box end wrench. Secure tail light housing back in place by reversing the procedure in Figures 24 and 24a.

PASSENGER SIDE TOWER
INSTALLATION COMPLETED.

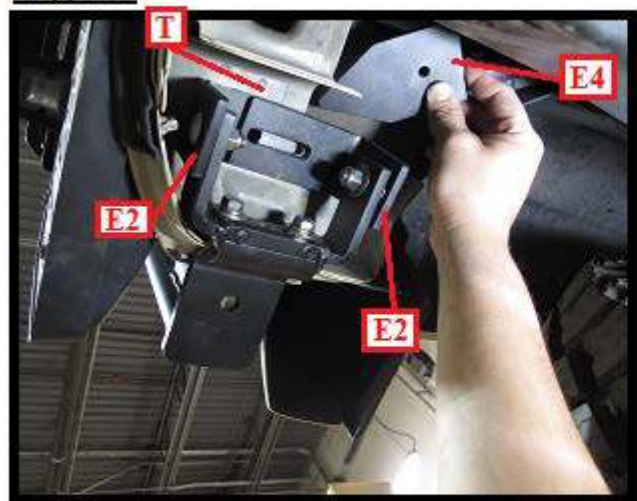
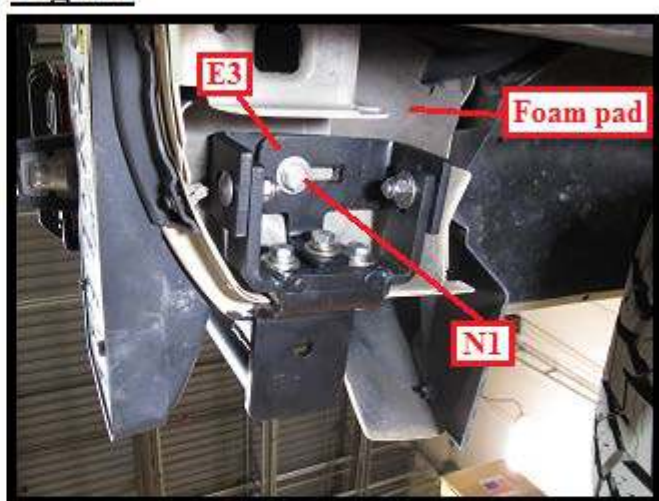
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Fig. 34**Fig. 35**

Driver side Tower install is very similar to the passenger side. First clean the lower tub surface along with the pinch seam surfaces inside and out as shown in Fig. 34. Install the Driver side tower shown in Fig. 35 in the same manner and procedure as shown in Figures 11 thru 19 and fully tighten in place.

Fig. 36**Fig. 37**

Install both tower bracket supports (E2) shown in Fig. 36 as completed in Figures 20 thru 23. Then install washer plate (E3) shown in Fig. 37 as completed in Figures 26 and 27. Slip nut plate (E4) above tub floor (T) as shown in Fig. 36 by pushing foam pad up and out of the way. Thread washer plate assembly (E3) / (N1) into nut plate and complete the installation process as shown in Figures 31, 32 and 33 then fully tighten in place. DRIVER SIDE TOWER INSTALLATION COMPLETED.

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INSTALLATION INSTRUCTIONS**Fig. 38**

Remove 4 Torx head screws from the driver and passenger side windshield as shown above using a #40 TORX head bit.

Fig. 40

Thread in the lower screw first as shown

Fig. 42

Thread in the remaining screws both sides, snug down only at this time.

Fig. 39

Install the Gobi light bar by sliding on the passenger side first as shown above

Fig. 41

Pull the driver side in place in the same manner as the passenger side and thread in the lower screw

Fig. 43

Remove clamp hook (R) from Bag #2 of your hardware kit

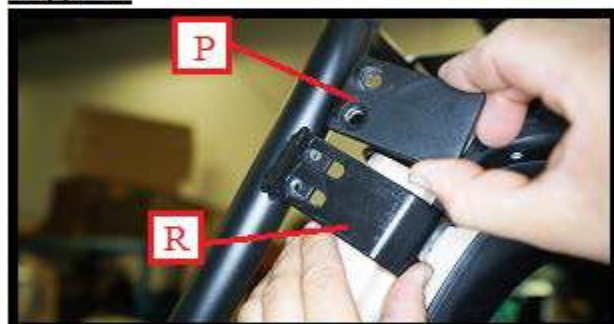
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Fig. 44

Place clamp hook (R) as shown inside door jam and align with screw holes (S) on light bar mount then place a piece of masking tape next to clamp edge on vehicle as shown

Fig. 46

Install clamp hook (R) over wear tape inside door jam and on light bar mount as shown above then place clamp plate (P) over clamp hook (R) and thread in two 1/4-20 x 1" hex head screws, lock washers and flat washers located in Bag#2 of your hardware kit. Snug down only at this time.

Fig. 48

Installation of light bar clamps completed

Fig. 45

Remove from Bag #2 a piece of brown wear tape and attach to inside door jam next to masking tape marker as shown above. Replace wear tape at least once a year.

Fig. 47

Pull light bar back towards vehicle with force to compress rubber bumper as shown. At the same time push clamp hook up against door jam then tighten both hex head screws fully. Apply the same procedure to the passenger side.

Fig. 49

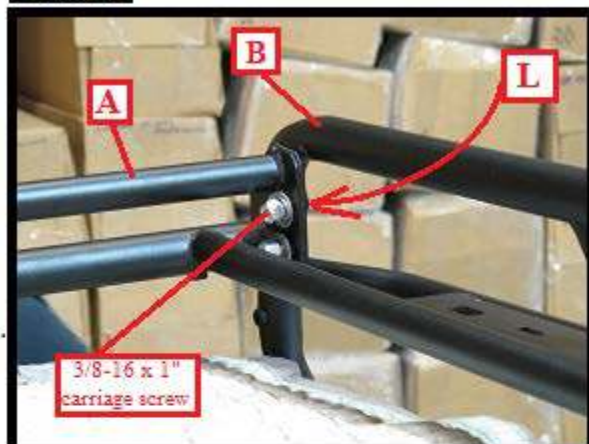
Fully tighten all remaining Torx head light bar screws as shown driver and passenger sides. Light bar install completed

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INSTALLATION INSTRUCTIONS**Fig. 50**

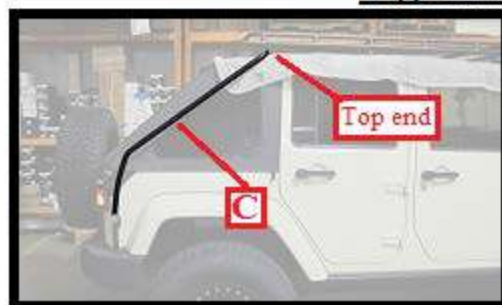
Place a clean blanket over the top of your vehicle roof then slide the Gobi roof rack (A) with the help of another person over the roof top as shown in Fig. 50 up against the rear of light bar (B) shown in Fig. 51.

Fig. 51

Use 4- 3/8-16 x 1" carriage screws two per side of light bar (B) located in Bag #4 of your hardware kit. Make certain that you push the screws in from the front of the light bar in the direction of red arrow (L) as shown in Fig. 51 then into the roof rack. Thread on 1- 3/8" flat washer and 1-3/8" nylock nut per screw and snug down. Do not fully tighten. With the soft top installed place a small piece or stack of wood appoximaetly 4" tall under the rear center of the roof rack to help support the rack up and level during the installation of the rear support bars.

Fig. 52

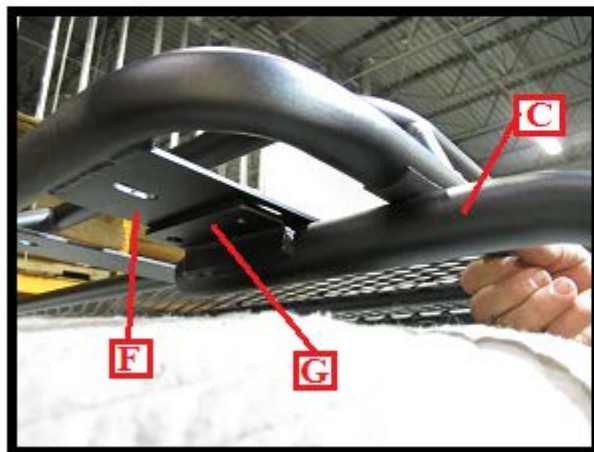
Locate the passenger side rack support (C) as shown on page 3 of your hardware list and Fig. 52a. Place the top end of the rear support bar with the two welded in flanges under the rear passenger side roof rack and on the soft top as shown in Fig. 52a. Install as shown in Fig. 52 and Fig. 52a with the welded in tab (L) mounted to the outside of the passenger tower pivot socket. Use 1-1/2" hex head screw, 2-1/2" flat washers, 2-black nylon bushings and 1-1/2" nylock nut located in Bag #4 of your hardware kit in the order shown in Fig. 52. Snug down only at this time. Apply the same procedure to the driver side.

Fig. 52a

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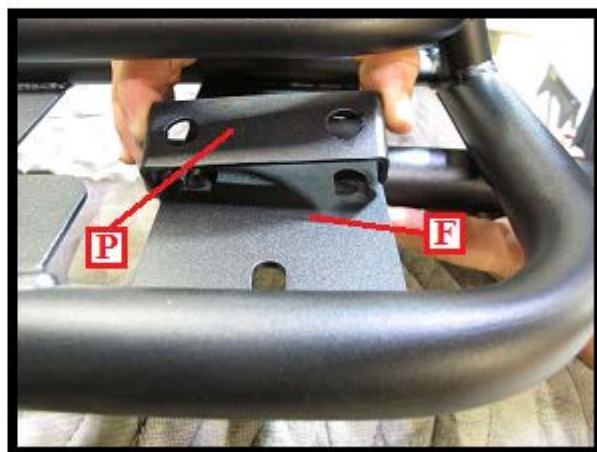
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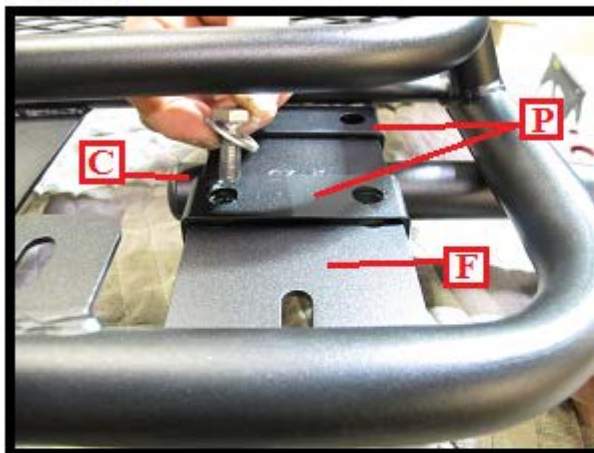
Fig. 53

Lift the rear passenger side corner of the roof rack and slip the rear passenger side support bar (C) under as shown in Fig. 53. Line up all four holes of the support bar welded in flanges (G) with the four holes in the roof rack support bar mount plate (F).

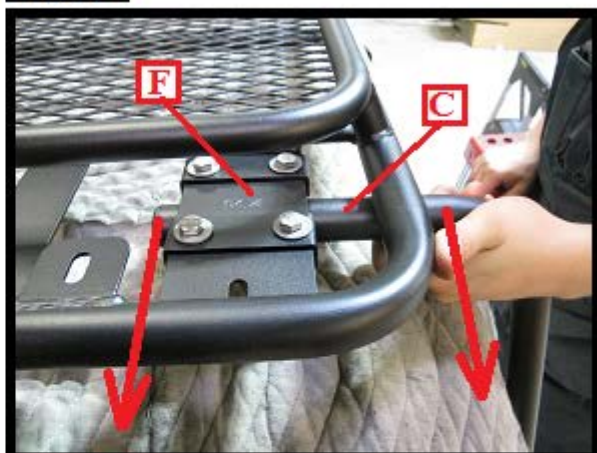
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Fig. 54

Remove from Bag #4 of your hardware kit 2 rear support bar positioning plates (P) as shown in Fig. 54. Place positioning plates (P) over the roof rack support bar mount plate (F) and rear support bar welded in flanges (G) shown in Fig. 53.

Fig. 55

Remove from Bag #4 of your hardware kit 4- 3/8-16 x 1-1/4" hex head screws, 8-3/8" flat washers and 4- 3/8" nylock nuts and secure both rear support bar positioning plates (P) in place as shown in Fig. 55. You may need to shake the rear support bar slightly while fitting plates (P) over both plate (F) and flanges (G) as this will facilitate assembly.

Fig. 56

After you have installed all four screws and nuts slide the rear support bar (C) as far rearward as possible indicated by the red arrows then fully tighten all screws. Apply the same procedure to the driver side rear support bar.

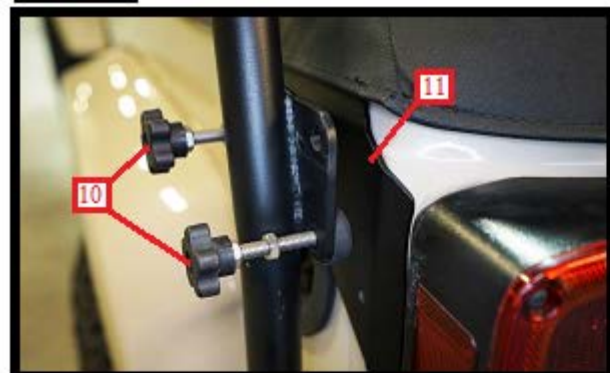
GOBI JEEP JK 45 SLANT BACK WRANGLER ROOF RACK

for Bestop TrekTop NX soft top

INSTALLATION INSTRUCTIONS

Fig. 57

Fully tighten passenger and driver rear pivot screws using a 3/4" ratchet and adjustable wrench or two 3/4" open end wrenches

Fig. 59

Turn isolator screws (10) clockwise until they make contact with wear plate (11) both passenger and driver sides

Fig. 61**Fig. 58**

Lift up roof rack in direction of arrow both driver and passenger sides and hold in place then fully tighten using a 9/16" ratchet or open end wrench

Fig. 60

Isolators must be turned in tightly to remove rear rack play. To make this process easy pull out on rear support bar (C) during each turn to reduce the pressure on the isolator. Make certain you apply at least 2 to 3 full turns each isolator both passenger and driver sides

After you have properly tensioned both the driver and passenger side isolators set them in place by turning jam nut (M) 1/2 turn clockwise to prevent the isolators from loosening during travel

GOBI JEEP JK 45 SLANT BACK WRANGLER ROOF RACK

for Bestop TrekTop NX soft top

INSTALLATION INSTRUCTIONS



Roof rack installation completed

CAUTION:

- * DO NOT REST THE GOBI ROOF RACK ON THE REAR BUMPER AS DAMAGE CAN RESULT FROM THE WEIGHT OF THE ROOF RACK ON THE REAR LICENSE PLATE FRAME OR PLASTIC BUMPER.
- * EXCESSIVE SPEEDS OVER ROUGH TERRAIN WITH OR WITHOUT A FULLY LOADED ROOF RACK ARE NOT RECOMMENDED.
- * DO NOT EXCEED 200 LBS. CARGO WEIGHT ON ROOF RACK WITHOUT THE USE OF BOTH REAR LADDERS.

Recommended Attachments:

- A) "QUICK RELEASE" part #GJJKQR for easy and quick release of the roof rack for soft top retraction.
- B) "Upper rear Isolators" part #GJJKRUI prevents rear upper roof rack movement during high speed off road driving or extreme heavy loads. For hard top use only.

To purchase these or other Gobi attachments please contact a Gobi online dealer or Gobi Racks direct at 1-720-479-9372 or e-mail to sales@gobiracks.com Thank you for your purchase